

GUIDANCE DOCUMENT

Land Use: Mined Land

Cooperator: K. Cole

Tract No.: --- Date: October 2005

Field No.: ---

Acres: 40

Selected Treatment Level (circle one):
RMS; Resource Concern; Practice

Soil: Udorthents

T= t/ac

Assisted By: RDH

RESOURCE CONCERNS

Benchmark	Soil	Water	Plants	Animals	Air
					N/A
Unreclaimed surface mine	Soil Erosion - Classic Gully	Water Quality – Excessive Suspended Sediment in Surface Water			
Acidic mine drainage		Water Quality - Harmful Levels of Heavy Metals in Surface Water			
Poor organic matter	Soil Condition - Organic Matter Depletion				
Grazed by livestock on intermittent basis			Plant – Condition – Productivity, Health and Vigor	Domestic Animals – Inadequate Quantities and Quality of Feed and Forage	
			Plant Condition - Forage Quality and Palatability		

EFFECTS GUIDANCE DOCUMENT FOR ALTERNATIVE RESOURCE CONCERN

RESOURCE CONCERNS

Alternative #1	Soil		Water		Plants		Animals	Air
	Soil Erosion - Classic Gully	Soil Condition - Organic Matter Depletion	Water Quality – Excessive Suspended Sediment in Surface Water	Water Quality - Harmful Levels of Heavy Metals in Surface Water	Plant – Condition – Productivity, Health and Vigor	Plant Condition - Forage Quality and Palatability	Domestic Animals – Inadequate Quantities and Quality of Feed and Forage	
Critical Area Planting (342)	+5	+1	+4	+1	+1	+1	+1	N/A
Lined Waterway or Outlet (468)	+3	-----	+1	-----	-----	-----	-----	
Nutrient Management (590)	-----	+1	-----	+4	+4	+1	+1	
Prescribed Grazing (528)	+1	+2	+2	-----	+2	+4	+5	
Forage Harvest Management (511)	+3	+1	+1	-----	+4	+4	+2	
TOTAL:	+12	+5	+8	+5	+11	+10	+9	